

Converting Colors

Hex(CE72AE)

Have a look what the booklet for
Hex(CE72AE) contains.

Hex(CE72AE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CE72AE)

Conversions

Conversions Part 1

Format	Color
Hex	CE72AE
RGB	206, 114, 174
RGB Percent	81%, 45%, 68%
CMY	0.1922, 0.5529, 0.3176
CMYK	0.00, 0.45, 0.16, 0.19
HSL	321°, 48%, 63%
HSV	321°, 45%, 81%
XYZ	39.1109, 28.2124, 43.4286
YIQ	148.3480, 35.5720, 38.1640

Conversions

Conversions Part 2

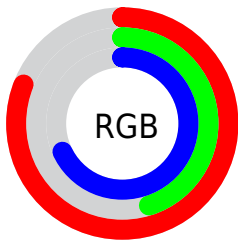
Format	Color
R _Y B	206, 114, 174
Decimal	13529774
CIE Lab	60.08, 43.97, -16.05
CIE LCh	60, 46.803, 339.947
Yxy	28.2124, 0.3531, 0.2547
Android (android.graphics.Color)	4291719854 (0xFFCE72AE)
YUV	148.3480, 12.6464, 50.5608
Hunter-Lab	53.1154, 38.4845, -11.2963

Details

The Hex color **CE72AE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72CE92**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA8E6**, and **963E7A** is the 20% darker color. If you saturate the color by 10%, you get **CE5DA7**, and if you desaturate by 10%, it is **CE87B5**.

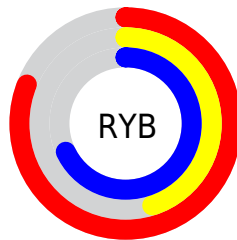
Distribution



Red (81%)

Green (45%)

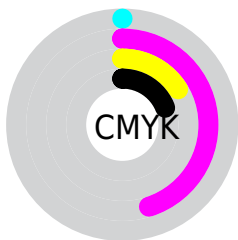
Blue (68%)



Red (81%)

Yellow (45%)

Blue (68%)

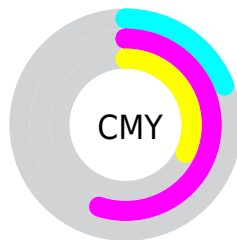


Cyan (0%)

Magenta (45%)

Yellow (16%)

Black (19%)



Cyan (19%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE72AE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CE72AE by changing the saturation by 10% instead.

 CE72AE

 CE72AE

FFFFFF

 B25893

 FFA8E6

 963E7A

 FFC4FF

 7A2461

 FFE0FF

 600249

FFFEFF

 460032

 30001E

 030000

 000000

 CE72AE

 CE72AE

 CE5DA7

 CE87B5

 CE49A0

 CE9BBC

 CE3499

 CEB0C3

 CE2091

 CEC4CB

 CE0B8A

 CED9D2

 CE0086

 CEEED9

 CEFFE0

 CEFFE7

 CEFFEE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A680D0



CE72AE



DE6D85

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CE72AE



9C933C



00A4C5

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CE72AE



72CE92

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A69E



CE72AE



6F9D4F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CE72AE



C08542



2EA473



009DDE

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CE72AE



DC726A



2EA473



00A5B9

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CE72AE



FFDEF3



9172CE



806B78



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CE72AE



FF75CF



CE7281



665C62



A6006C



260019

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CE72AE



FF75CF



72CEBF



665C62



A6006C



260019

Previews

White Background



This preview shows how the Hex color CE72AE looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

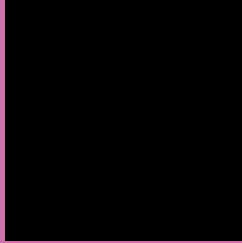
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CE72AE Background



This preview shows how black text looks on a background with the Hex color CE72AE.

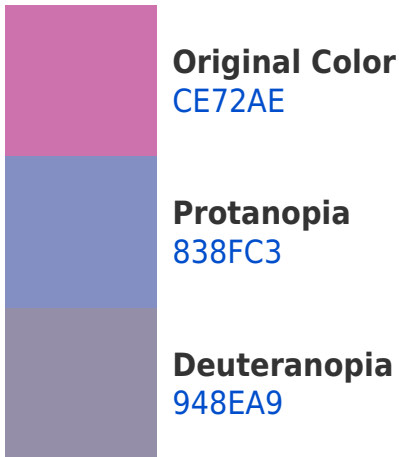


This preview shows how white text looks on a background with the Hex color CE72AE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

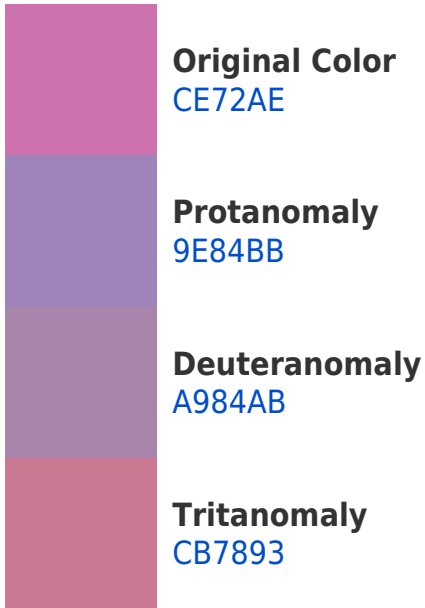
Dichromacy





Tritanopia
C97B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE72AE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CE72AE looks like.

```
.text, #text, p{  
    color:#CE72AE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CE72AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE72AE
}
```

Border

The CSS property to change the border of an element to Hex CE72AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE72AE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CE72AE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CE72AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE72AE; -webkit-box-shadow:4px 4px  
4px 4px #CE72AE; box-shadow:4px 4px 4px  
4px #CE72AE }
```

Background

The CSS property to change the background color of an element to Hex CE72AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE72AE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CE72AE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor